

Code No: 09A80107

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year II Semester Examinations, April - 2014

MANAGEMENT SCIENCE

(Common to CE, CSE, IT)

Time: 3 Hours

Max. Marks: 75

Answer any Five Questions  
All Questions Carry Equal Marks

---

- 1.a) Discuss the nature and features of management.
- b) Explain the importance of Douglas McGregor's Theory X and Theory Y.
- 2.a) Explain any four types of organization structure, with their suitability.
- b) Differentiate between decentralization and Re-centralization.
- 3.a) Discuss various methods of production.
- b) What is Acceptance sampling? Explain its significance in statistical quality control.
- 4.a) What do you understand by Economic Order Quantity? Derive a formula to determine it.
- b) What is Just In time? What are the implications of JIT? Illustrate.
- 5.a) Explain the functions of Human resource manager in an Industrial setting.
- b) Explain the importance of Job Evaluation and merit rating.
6. Discuss the steps involved in strategy formulation and implementation.
- 7.a) What are the contemporary management practices? Explain any four with examples.
- b) Differentiate between BPO and BPR. Discuss the 5S Model of BPR.
8. Balance the activities by drawing the precedence diagram and arrange the work elements in such a manner that idle time is minimized.

JOB	PRECEDING ELEMENT	DURATION IN SEC
A	-	3
B	A	2
C	B	4
D	B	3
E	C	6
F	C	1
G	D,E,F	5
H	G	2

\*\*\*\*\*